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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/022,276
Filing Date	14-Dec-2001
First Named Inventor	Gosselin, et al.
Group Art Unit	1623
Examiner Name	L. Eric Crane
Attorney Docket Number	06171.105005 (NOV 1000 CON)

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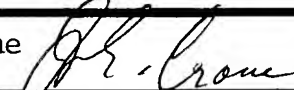
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Sheet 1 of 6

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
Me	AA	4,916,122	A	Chu et al.	04-10-1990	
Me	AB	4,957,924	A	Beauchamp	09-18-1990	
Me	AC	5,190,926	A	Chu et al.	03-02-1993	
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Me	AE	5,223,263	A	Hostetler et al.	06-29-1993	
Me	AF	5,256,641	A	Yatvin et al.	10-01-1993	
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Me	AS	6,245,749	B1	Schinazi et al.	06-12-2001	

** Duplicate: see PTO-892 for cite.

Examiner Signature	L. E. Crane 	Date Considered	04/09/02
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10/022,276 - PTO-1449#1

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Examiner Name L. Eric Crane
Attorney Docket Number 06171.105005 (NOV 1000 CON)

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		Office ³	Number	Kind Code ² (if known)				
Me	AT	WO	89/02733	A1	University of California	04-06-1989		
Me	AU	WO	90/00555	A1	Vical, Inc.	01-25-1990		
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Me	BJ	JP	06-293645	A2	Saneyoshi et al.	10-21-1994	Abstract only	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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Me	BK	BLOCH, et al. "The Role Of The 5'-Hydroxyl Group Of Adenosine In Determining Substrate Specificity For Adenosine Deaminase." J. Med. Chem. 10(5), 908-12 (September 1967).	

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L. E. Crane

Date
Considered

04/09/02

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		Filing Date	14-Dec-2001
		First Named Inventor	Gosselin, et al.
		Group Art Unit	1623
		Examiner Name	L. Eric Crane
		Attorney Docket Number	06171.105005 (NOV 1000 CON)
Sheet	3	of	6

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**		BRYANT et al., "Antiviral Nucleosides Specific for Hepatitis B Virus Infection," <i>Antimicrobial Agents and Chemotherapy</i>, 45(1), 229-235 (January 2001).	
Me	BL	CHANG, et al., "Deoxycytidine Deaminase-resistant Stereoisomer is the Active Form of (-)-2',3'-thiacytidine in the Inhibition of Hepatitis B Virus Replication," <i>Journal of Biological Chemistry</i> , Volume 267(20), 13938-13942 (July 15, 1992).	
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Me	BN	DU et al, Synthesis, "Anti-Human Immunodeficiency Virus and Anti-Hepatitis B Virus Activities of Novel Oxaselenolane Nucleosides," <i>J. of Med. Chem.</i> , (40)19, 2991-2993 (September 12, 1997).	
Me	BO	FURMAN, et al., "The Anti-Hepatitis B Virus Activities, Cytotoxicities, and Anabolic Profiles of the (-) and (+) Enantiomers of cis-5-Fluoro-1-[2-(Hydroxymethyl)-1,3-oxathiolane-5-yl]-Cytosine" <i>Antimicrobial Agents and Chemotherapy</i> , 36(12) 2686-2692 (December 1992).	
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** Duplicate: See PTO-892 for cite.

! Month of publication could not be determined from the copy provided.

Examiner Signature	L. E. Crane 	Date Considered	04/09/02
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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of

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Application Number	10/022,276
Filing Date	14-Dec-2001
First Named Inventor	Gosselin, et al.
Group Art Unit	1623
Examiner Name	L. Eric Crane
Attorney Docket Number	06171.105005 (NOV 1000 CON)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
Me	BU	IMAI et al., "Studies on Phosphorylation. IV. Selective Phosphorylation of the Primary Hydroxyl Group in Nucleosides." <i>J. Org. Chem.</i> , 34(6), 1547-1550 (June 1969).	
Me	BV	JONES, R. et al., "Mini Review: Nucleotide prodrugs," <i>Antiviral Research</i> , 27, 1-17 (1995).	
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Me	BX	KUCERA, L.S., et al., "Novel membrane-interactive ether lipid analogs that inhibit infectious HIV-1 production and induce defective virus formation." <i>AIDS Res Hum Retroviruses</i> . 6:491-501 (May 1990).	
Me	BY	LIN et al., "Synthesis of Several Pyrimidine L-Nucleoside Analogues as Potential Antiviral Agents," <i>Tetrahedron</i> : , Vol. 51(4), 1055,1068 (1995).	
		LIN et al., "Design and Synthesis of 2',3'-Dideoxy-2', 3'-dihydro-β-L-cytidine (β-L-Fd4C), Two Exceptionally Potent Inhibitors of Human HBV and Potent Inhibitors of HIV <i>In Vitro</i> ," <i>J. Med. Chem.</i> , 39(9), 1757-1759 (April 26,1996).	
Me	BZ	MAGA et al., "Lack of stereospecificity of suid pseudorabies virus thymidine kinase," <i>Biochem. J.</i> , 294(2); 381-385 (September 1, 1993).	
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		ROBINS, "Selective Deoxygenation and Modification at C2' of Nucleosides," Nucleic Acids Research Symposium Series, Vol. 11, Pages 1-4, Kyoto, Japan, November 24-26, 1982, A.E. Pritchard (ed.), IRL Press, Ltd., Oxford, England, 1982;	
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Me	CF	SCHINAZI, et al., "Selective Inhibition of Human Immunodeficiency Viruses by Racemates and Enantiomers of cis-5-Fluoro-1-[2-(Hydroxymethyl)-1,3-Oxathiolane-5-yl] Cytosine," <i>Antimicrobial Agents and Chemotherapy</i> , 36(11), 2423-2431 (1992). (November, 1992)	
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***		von JANTA-LIPINSKI et al., "Newly Synthesized L-Enantiomers of 3'-Fluoro-Modified β-2'-Deoxyribonucleoside 5'-Triphosphates Inhibit Hepatitis B DNA Polymerase but not the Five Cellular DNA Polymerases α, β, γ, δ, and ϵ Nor HIV-1 Reverse Transcriptase," <i>J. Medicinal Chemistry</i>, 41(12), 2040-2046 (June 4, 1996).	
gpc	CK !	ZEDECK et al. "Pseudomonas testosteroni," <i>Mol. Phys.</i> (1967), 3(4), 386-95.	
gpc	CL !	ZHANG, W., et al. "Removal of Silyl Protecting Groups from Hydroxyl Functions with Ammonium Fluoride in Methanol." <i>Tetrahedron Letter.</i> , 33, 1177-1180 (1992).	

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